

Date: Fri, 20 May 94 21:06:01 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #551
To: Info-Hams

Info-Hams Digest Fri, 20 May 94 Volume 94 : Issue 551

Today's Topics:

610 Form in PostScript(r)
ARLD030 DXCC update
ARLP020 Propagation de KT7H
cycles, cycles/sec vs Hz (3 msgs)
First QSO (2 msgs)
first QSOs
Ham Radio few problems!
HAM RADIO RUDENESS
How to suscribe to QST?
HT speaker-mike question
IC-3220 Problem
KENWOOD TH-28A VHF/UHF
Loomis Invented Radio ?????
MARS
SCMO receiver.
Six Meter Opening on Saturday
Yaesu FT990 mailing list anyone?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 20 May 94 01:42:26 GMT
From: munnari.oz.au!foxhound.dsto.gov.au!fang.dsto.gov.au!yoyo.aarnet.edu.au!
news.adelaide.edu.au!news.cs.su.oz.au!metro!news.ci.com.au!eram.esi.com.au!not-
for-mail@tcgould.tn.cornell.
Subject: 610 Form in PostScript(r)
To: info-hams@ucsd.edu

In article <2rfod1\$q2o@news.iastate.edu>,
kenman@iastate.edu (Kenneth D Anderson) writes:

| The color of the paper is important. It cannot be white - it must be the
| same color as the "official" Form 610.

Huh?

--

Dave Horsfall (VK2KFU) VK2KFU @ VK2AAB.NSW.AUS.OC PGP 2.3
dave@esi.COM.AU ...muninari!esi.COM.AU!dave available

Date: 20 May 94 11:44:56 GMT
From: agate!howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!
alberta!ve6mgs!usenet@ucbvax.berkeley.edu
Subject: ARLD030 DXCC update
To: info-hams@ucsd.edu

SB DX @ ARL \$ARLD030
ARLD030 DXCC update

ZCZC AE28
QST de W1AW
DX Bulletin 30 ARLD030
>From ARRL Headquarters
Newington CT May 20, 1994
To all radio amateurs

SB DX ARL ARLD030
ARLD030 DXCC update

Documentation has been received and approved for the following
operations:

Call: Operations Beginning (dd/mm/yy):

3D2KR	25/2/94
3D2LA	25/2/94
3Y0PI	29/1/94
5R8KH	21/10/93
9N1BD	25/8/93
9U5DX	8/10/93
A25/WD8NMV	15/3/93
ET3RA	22/11/92
S21ZW	26/10/93

TU4EI 22/9/93
VP2EDK 23/9/93
XF4CI 15/12/94
XU9M 3/3/93
XU9R 3/3/93
ZF2CF 1/3/94
ZF2QA 21/1/91
NNNN
/EX

Date: 20 May 94 11:44:01 GMT
From: agate!howland.reston.ans.net!math.ohio-state.edu!cyber2.cyberstore.ca!
nntp.cs.ubc.ca!alberta!ve6mgs!usenet@ucbvax.berkeley.edu
Subject: ARLP020 Propagation de KT7H
To: info-hams@ucsd.edu

SB PROP @ ARL \$ARLP020
ARLP020 Propagation de KT7H

ZCZC AP34
QST de W1AW
Propagation Forecast Bulletin 20 ARLP020
>From Tad Cook, KT7H
Seattle, WA May 20, 1994
To all radio amateurs

SB PROP ARL ARLP020
ARLP020 Propagation de KT7H

Solar activity was up a bit last week, and there was even a period when the geomagnetic activity was quiet. Solar flux was higher by a average of about 13 points compared to the previous week, and May 12 and 13 had some periods when the K index was as low as one.

Solar flux should very gradually decline over the next couple of weeks, reaching a low around 75 at the end of the month when a recurring coronal hole returns to view. At that time conditions will be very disturbed for at least a week.

Sunspot Numbers from May 12 through 18 were 45, 71, 67, 55, 58, 59 and 58, with a mean of 59. 10.7 cm flux was 87.4, 89.5, 90.2, 91.4, 91.4, 95 and 93.6, with a mean of 89.8.

The projection for this week is from the Hawaiian Islands to the Mariana Islands.

80 meters looks good from 0830 to 1630z, with the peak period from 1100 to 1530. Check 40 meters from 0700 to 1730, and 30 meters from 0600 to 1830. 20 meters should be open from around the clock, except around 1800 to 1900. The best period on 20 meters should be from 0830 to 1600. 17 meters should be good from 2000 to 1200, peaking toward the end of the period. Check 15 meters from 2130 to 0830, and on some days until 1100. 12 meters should be open from 2230 to 0600, and 10 meters from 0000 to 0500.

NNNN

/EX

Date: Fri, 20 May 1994 01:16:10 GMT
From: wang!dbushong@uunet.uu.net
Subject: cycles, cycles/sec vs Hz
To: info-hams@ucsd.edu

drew@trl.oz.au (Drew Diamond) writes:

>This silly business of using mHz instead of MHz crept in, as far as my
>observations go, when PC speeds became such an advertizing issue. The
>computer industry today overwhelmingly specify their PC speeds as 33 mHz,
>66 mHz... and so on. Pretty darned slow?

I'm using a 100 mHz Pentium, so you might not get the next line of my

--
Dave Bushong, Wang Laboratories, Inc.

Date: 20 May 94 14:06:06 GMT
From: ihnp4.ucsd.edu!agate!library.ucla.edu!psgrain!nntp.cs.ubc.ca!alberta!atha!
aupair.cs.athabascau.ca!rwa@network.ucsd.edu
Subject: cycles, cycles/sec vs Hz
To: info-hams@ucsd.edu

rnimtz@moe.helios.nd.edu (richard nimtz) writes:

>You might also wonder why we usually refer to the ham bands by
>their wavelengths, but 160, 80 and 40m are the "low bands".
>If you are on 20m, do you tell someone you are going up to 80m,
>or down to 80m?

Up to 80m, of course. 160m has always been known as 'top band'.

regards,
Ross ve6pdq

--

Ross Alexander VE6PDQ rwa@cs.athabascau.ca,
(403) 675 6311 rwa@auwow.cs.athabascau.ca

Date: 19 May 1994 17:43:37 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!spool.mu.edu!
news.nd.edu!moe!rnimtz@network.ucsd.edu
Subject: cycles, cycles/sec vs Hz
To: info-hams@ucsd.edu

In article <2re4in\$6sm@gerald.cc.utexas.edu> oo7@astro.as.utexas.edu (Derek Wills) writes:

>If you guys are going to worry about kilocycles vs kilocycles/sec
>you might also want to worry about the frequent use of milliHertz,
>as in "144 mHz", "27 mHz", these low frequencies are not usually
>what is meant - 1 mHz is 1 cycle per 15 minutes.

>
Good Point!

>You might also wonder why we usually refer to the ham bands by
>their wavelengths, but 160, 80 and 40m are the "low bands".
>If you are on 20m, do you tell someone you are going up to 80m,
>or down to 80m?

If I want to make it colder in my apartment do I turn the
air conditioning up or down??

>
>I suppose we should be happy if there is nothing more serious
>to worry about in the hobby.

>
_Rick Nimtz
-N9TJG
-South Bend, Indiana
-nimtz.1@nd.edu

Date: Thu, 19 May 1994 17:05:09 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!s1.gov!fastrac.llnl.gov!lll-winken.llnl.gov!
elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!howland.reston.ans.net!
sol.ctr.columbia.edu!news.@@ihnp4.ucsd.edu
Subject: First QSO
To: info-hams@ucsd.edu

In article <2rfsia\$di@cville-srv.wam.umd.edu>, ham@wam.umd.edu (Scott Richard Rosenfeld) says:

>
>I was looking for an HF rig at the time. My first choice was an old Swan
>350, with the glowing tubes and everything. The guy was a minister, and
>was going to throw in this monster antenna tuner, phone patch, and a few
>other things. He wanted \$275 for everything -but I was a bit leery of
>the tubes, seeing as how the radio was ALL TUBES...
>
>So he let me borrow it (\$275 is a lot for a 16 year old, especially in
>1985) for a few days and play with it. I brought it over to Gene Mertz's
>house (W30EP, one of the guys who gave me my Novice test), and we hooked
>it up to the 40 meter dipole. Tuned up the radio, went around 7.110,
>called CQ, and was answered by KB4SJD in Kentucky. I was shaking so
>badly that I was having trouble even copying the 5 wpm! But Gene was there
>to back me up...
>
> [delete]
>
>Scott NF3I Three filled-up logbooks, all 50 states, and 130 countries later...
>
>--
>73,
>
>----- \ / ----- The
>Scott Rosenfeld Amateur Radio NF3I Burtonsville, MD | Live \$5.00
> WAC-CW/SSB WAS DXCC - 125 QSLed on dipoles -----| Dipoles! Antenna!

As opposed to "short dead dipoles"?????-----^ :)

My first rig was a Heathkit HW-16. I built it but it didn't work. I had an "elmer" who was not a ham, but had been a radio operator in the Navy. He helped (translated: I watched while he worked) me get the thing working by locating a bad solder joint or several and a few other fixes. The light bulb I brought for a dummy load finally (no pun intended:) lit up.

This is where my memory gets fuzzy. My first contact was with WN4LUR in Tennessee on 40 CW (7175000000 mc to bring another thread into the fray, or is that to fray another thread :-). I don't remember much about the QSO itself except the butterflies and shaking that I experienced. I have a QSL for the contact. The callsign database says that WB4LUR is still licensed. I want to get in touch with him as the 25th anniversary of that QSO approaches. I was a 15 years old in June 1969 when I made my first contact.

I have 4 or 5 logbooks filled, too, but back then I listed every CQ and every call which went unanswered.

Harv

WB4NPL

jhobson@su19f.ess.harris.com

Date: 19 May 1994 21:32:58 -0500

From: ihnp4.ucsd.edu!news.acns.nwu.edu!math.ohio-state.edu!howland.reston.ans.net!
news.intercon.com!udel!news2.sprintlink.net!news.sprintlink.net!bga.com!bga.com!
nobody@network.ucsd.edu

Subject: First QSO

To: info-hams@ucsd.edu

Ah, my first QSO... :)

Well now let's see. As I cast my memory back in time ... Oops, I missed.
... :) Let's try that cast again, shall we?.... Ah. Much better.

I got interested in ham radio in 1987, spring. Why? Because of a book I found in the library called How To become A Radio Amateur, copyright 1950. I'd heard of ham radio but never saw much in there for me. But I picked up the book anyway, read it, didn't understand some, but did see something there that sounded like a *lot* of fun. So I got more stuff! I learned the code out of a book (and had it all screwed up too, BTW--but that problem soon worked itself out), studied, and, within a couple months I had a receiver to listen to. Eventually I took the test--well that happened in September. One month later--in fact, on October 24, at about oh, I'd say 5:15 or thereabouts, I got my license. Unfortunately, I don't have that original, or for that matter, my first General, or my Advanced ... anymore. :(Ah, for lost history... Needless to say, I was excited! I was a little disappointed though, because I really wanted KB5LID as my call. Why? Oh. That's easy--so I could be a really topknotch op and not be offended if someone called me a lid. I got over it though, because my call had (and, well still does) such a good rhythm on cw. So I practiced up for the first QSO, which I had on a Saturday, November 7 actually, a mere two weeks after I got my license. Nice day, November 7 ... :) I went to my elmer's house (that's Steve, KG5BR) with my straight key. We tuned around on the 15-meter novice band, still one of my favorite bands, by the way, and heard a cq... I was a little nervous, you know, the cold sweaty palms and all that, but I didn't have a problem copying, amazingly enough. But Steve was there to copy along anyhow. My first QSO was with Bob, KA1 JDG (or was is GDJ?), in...I'll be damned...Farmington, CT? I think? I don't even remember! Anyway, I then made another with WA9YMI, switched to 10-meter ssb, made a couple more, then off to 40 cw for another, and then homeward bound. It was great! Oh, and then a few weekends after I worked the 10-meter contest, and a couple months after, Novice Roundup (ended up second in my section if you believe)...

BTW I was probably only one of a few 20 wpm novices for a while, about a month actually, for what it's worth...

Now, 6.5 years later, four licenses up the ladder (Got the Extra two years ago...has it really been that long?), a bunch of QSO's later, I'm still active, and I still love ham radio, and I dearly love cw. Not a big contester though. Ham radio has been one of the best things I've done so far, and it's really become an amazingly important part of my life. Never would have thought, I suppose... :)

First contact on my own rig, now that wasn't nearly as exciting because it was only across town on 10 meters...

--

This .sig is under periodic reconstruction. We apologize for any inconvenience this may cause. Things will, however, be back to normal in due course. Any comments, suggestions, gripes, flames, or other correspondence should be directed to this Email address. We thank you for your patience.

Date: 19 May 1994 20:27:42 GMT

From: ihnp4.ucsd.edu!newshub.sdsu.edu!nic-nac.CSU.net!usc!cs.utexas.edu!
gerald@cc.utexas.edu!astro.as.utexas.edu!oo7@network.ucsd.edu

Subject: first QSOs

To: info-hams@ucsd.edu

donrm@sr.hp.com (Don Montgomery) recalls:

>>It was the thrill of a lifetime, what with a 10-week old kitten
>>climbing up my pantsleg and being half bombed on the old man's beer.

I wouldn't want a half-bombed kitten climbing up my pantsleg either.

Hmmm, well, my first QSO was sort of bootlegged as well, or would have been, had it worked. I borrowed a 2-watt 80m rig from my Elmer and for some reason when I attempted to answer a CQ for my first QSO I sent the call of the club station I belonged to, rather than my own. I have no idea why I did that. It didn't matter, since I forgot to switch the antenna over to 'transmit' anyway.

After two weeks I was a pro and had 11 countries worked with those 2 watts on 80, the best DX being Finland (I was a G3 at the time). I even wrote up the experience for The Shortwave Mag, a fairly glossy mag published in the UK at that time (1958, ack). I still have a photocopy of the article.

When I got licensed here after a lapse of 25 yrs or so, I was not going to let it take up as much time as it did earlier, was just

going to have a few casual QSOs now and then when I felt like it.
Only have 10 countries left to work now.... There are lots of
books on how to get into amateur radio, none on how to get out
again.

Derek Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

Date: Fri, 20 May 1994 01:42:42 GMT
From: ihnp4.ucsd.edu!news.acns.nwu.edu!math.ohio-state.edu!howland.reston.ans.net!
europa.eng.gtefsd.com!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
rogjd@network.ucsd.edu
Subject: Ham Radio few problems!
To: info-hams@ucsd.edu

Tom Dengler (denglet1@iia.org) wrote:
: JE>they might get the wrong impression that our hobby is riddled with all
: JE>sorts of problems! When I first became a ham radio operator I fully expected
: JE>that 99% of the hams would be great and 1% would be idiots. I haven't been
: JE>disappointed! 8-) In fact I was pleasantly surprised to find that it was more
: JE>on the order of a .01% idiot factor. Is Amateur Radio a perfect world? No,

I have been a radio amateur since I was a teenager, back in '66, and in
my opinion amateur radio has never been healthier. The no-code license
has proven to be a fabulous vehicle for bringing new people into the
hobby. The new licensees have proven to be every bit as good as those
from any other era of the hobby (in my opinion) and many many of these
new ops quickly are upgrading to general, advanced, and extra.

The hobby is full of really great folks. The 1% who behave childishly?
Well, what the heck, there aren't many of them, and it's only a hobby?
We all have vfos, nowadays. :-) :-)

73!

--

rogjd@netcom.com
Glendale, CA
AB6WR

Date: 19 May 1994 16:56:43 GMT

From: news2.near.net!info-server.bbn.com!news!levin@yale.arpa
Subject: HAM RADIO RUDENESS
To: info-hams@ucsd.edu

In article <CpwzA0.3zt9@austin.ibm.com> blood@austin.ibm.com () writes:

Ive decided to quit saving for a HF rig after following this discussion.

Repeat three times every day till you've got it:

USENET IS NOT REAL LIFE.
USENET IS NOT REAL LIFE.
USENET IS NOT REAL LIFE.

/JBL (thx to spaf)

=

Nets: levin@bbn.com | "Earn more sessions by sleeving."
pots: (617)873-3463 |
ARS: KD10N | -- Roxanne Kowalski

Date: 21 May 94 02:35:25 GMT
From: dog.ee.lbl.gov!agate!apple.com!apple.com!not-for-mail@ucbvax.berkeley.edu
Subject: How to suscribe to QST?
To: info-hams@ucsd.edu

kstuart@oasys.dt.navy.mil (Kenneth Stuart) writes:

>To order QST, send your name, address to:
> [ARRL HQ]
>I believe the current price for the subscription is \$30 which includes
>a year's membership in the ARRL.

Does this mean that you can get a lifetime subscription to QST
and your ARRL life membership comes with it?

HI HI.... ..

Kok Chen, AA6TY kchen@apple.com
Apple Computer, Inc.

Date: 19 May 1994 17:53:52 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!
sol.ctr.columbia.edu!news.kei.com!ssd.intel.com!chnews!cmoore@network.ucsd.edu
Subject: HT speaker-mike question
To: info-hams@ucsd.edu

Swag Valance (gsheerwin@nyx10.cs.du.edu) wrote:

: Greetings --
: I have an Alinco 580, and after a bit of use in the field as a volunteer
: I finally discovered how invaluable a speaker-mike is. I don't go out on
: calls frequently, but when I do a speaker-mike makes life so much easier.
: 73 Greg KD6QPY

Hi Greg, Be sure to get a speaker mike that has a stereo connection on
the mike connection because if you don't, you'll run your battery down
pretty fast discharging it through a 100 ohm resistor. The stereo mike
plug is used on Alinco and Icoms to deliver power to their VOX headsets.
DO NOT BUY A SPEAKER MIKE FOR THE 580 THAT HAS A MONO PLUG ON THE MIKE!
I have the newer model MFJ-284 for my 580 and I am very happy with it.

73, KG7BK, CecilMoore@delphi.com

Date: 21 May 94 00:49:57 GMT
From: news-mail-gateway@ucsd.edu
Subject: IC-3220 Problem
To: info-hams@ucsd.edu

< John, N4TTI, tells of a problem his friend William, N4SZP, has with an
IC-3220A. Radio has intermittent TX failure on 2m. >

I have the same trouble exactly (John described it well) with my IC-3220H.
I'm not sure I'd blame the heat. I live in Wisconsin about 60 miles east of
Minneapolis, Minnesota and it doesn't get that hot here. Maybe cold could do
it too. Anyway, if anyone has an answer please post it. I'd like to know what
the problem is.

Jim Ley, NX9F
ley@uwstout.edu

Date: 20 May 94 20:46:27 GMT
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!munari.oz.au!comp.vuw.ac.nz!welcom!
jonathan.swan@ucbvax.berkeley.edu
Subject: KENWOOD TH-28A VHF/UHF
To: info-hams@ucsd.edu

I use a Kenwood TH-28A here to great effect ! It comes with a receive only feature on UHF that fits the bill nicely. My query relates to programming the actual coverage via the internal diode matrix. Presently the set covers 136- 174 MHz & 400 - 520 MHz (Rx only) It seems (via a friendly dealer here in NZ) that shifting around the 8 tiny diodes on 1 PCB will alter actual coverage I'm keen to extend down to 118 MHz VHF to receive aircraft band, but don't want to lose the great UHF spread ! Perhaps some one has the full service manual out there ? HAS ANY ONE HAD EXPERIENCE WITH THIS MOD ? THE ACTUAL SMD DIODES ARE SO TINY THAT MY SOLDERING IRON WILL HAVE TO BE FILED TO A PIN !!

Thanks in anticipation 73 de Z12AJZ

Date: 19 May 1994 22:33:19 -0400
From: ihnp4.ucsd.edu!news.acns.nwu.edu!math.ohio-state.edu!howland.reston.ans.net!
news.intercon.com!udel!news2.sprintlink.net!news.sprintlink.net!news.clark.net!
news.clark.net!not-for-mail@network
Subject: Loomis Invented Radio ??????
To: info-hams@ucsd.edu

It's probably not historically accurate to attribute the invention of radio to Marconi, but he seems to have been first out the blocks in terms of its commercial exploitation!

--
Bob Keller <KY3R> Robert J. Keller, P.C. Tel +1 301.229.5208
rjk@telcomlaw.com Federal Telecommunications Law Fax +1 301.229.6875
finger me for daily FCC info + see ftp.clark.net:/pub/rjk/ for other files

Date: 19 May 94 21:17:10 -0600
From: ihnp4.ucsd.edu!news.acns.nwu.edu!math.ohio-state.edu!sdd.hp.com!
saimiri.primate.wisc.edu!news.doit.wisc.edu!uwec.edu!hemp!whitemp@network.ucsd.edu
Subject: MARS
To: info-hams@ucsd.edu

So, could someone tell me about MARS (not the red planet)

Thanks-

-Mike

--
Mike White whitemp@cnsvox.uwec.edu
N9UXC Tech+ and climbing

Date: 19 May 94 14:06:06 GMT
From: gatech!news.ans.net!newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@RUTGERS.EDU
Subject: SCMO receiver.
To: info-hams@ucsd.edu

In article <1994Mar24.231831.15199@mprgate.mpr.ca>,
kapadia@mprgate.mpr.ca (Ashfaq Kapadia) writes:

You asked about detecting subcarriers, you need a special circuit to do that. Regular FM broadcast is wideband and subcarriers require narrowband detection.
Good Luck

Date: 21 May 94 03:38:17 GMT
From: sdd.hp.com!col.hp.com!bobw@hplabs.hpl.hp.com
Subject: Six Meter Opening on Saturday
To: info-hams@ucsd.edu

Greg Young (cheech@med.unc.edu) wrote:

: I thought someone would mention the opening on six that happened on
: Saturday. My participation was limited to listening since I haven't
: gotten around to fixing a little transmitter problem yet. I must do
: that soon.
: I flipped on my old Mastr Pro about 8:00 PM EDT and a few minutes
: later it began to burp as some weak signals broke the squelch on
: 52.525. Within ten minutes traffic was getting heavy and after about
: an hour the radio settled into a screech and roar pattern as everyone
: tried to talk at once. This lasted for about half an hour before I
: finally started hearing one side of two or three conversations at a
: time. Once I even heard both sides of a QSO.

I've usually spent my 6M time on SSB (50.125 and up) but last weekend played around with FM on the band. It seems that (like 10 FM), everyone hangs out on the calling frequency (52.525). Are there other preferred FM simplex frequencies commonly used?

Bob Witte / bobw@col.hp.com / Hewlett Packard PMO / KB0CY / (719) 590-3230

Date: Thu, 19 May 1994 23:27:20 GMT
From: ihnp4.ucsd.edu!news.acns.nwu.edu!math.ohio-state.edu!howland.reston.ans.net!

europa.eng.gtefsd.com!library.ucla.edu!csulb.edu!csus.edu!netcom.com!netcomsv!
xyzoom!rob@network.ucsd.edu
Subject: Yaesu FT990 mailing list anyone?
To: info-hams@ucsd.edu

I've started a mailing list for Yaesu FT990 owners. If you'd like to subscribe, send a message to 990-request@xyzoom.info.com stating your wish. There are only about 6 subscribers so far, and volume is very low, but perhaps it could be useful (in fact I appreciate low-volume mailing lists better than the other kind). The address for the list is 990@xyzoom.info.com.

--Rob

--

Rob Lingelbach KB6CUN | 2660 Hollyridge Dr LA CA 90068 213 464 6266 (voice)
rob@xyzoom.info.com | "I care not much for a man's religion whose dog or
robl@netcom.com | cat are not the better for it." --Abraham Lincoln

End of Info-Hams Digest V94 #551
